Nephrology Dialysis Transplantation

Official Publication of the European Dialysis and Transplant Association–European Renal Association

Incorporating Proceedings of the European Dialysis and Transplant Association—European Renal Association

VOLUME 5 NUMBER 1 1990

Table of Contents

Review Article

The Renal Response to an Acute Protein Load in Man: Clinical Perspective
B. Rodríguez-Iturbe 1

Original Articles

Association of Glomerular and Interstitial Mononuclear Leukocytes with Different Forms of Glomerulonephritis
J. Markovic-Lipkovski, C. A. Müller, T. Risler, A. Bohle and G. A. Müller 10

Renal Granulomatous Sarcoidosis: Report of Six Cases
T. Hannedouche, G. Grateau, L. H. Noël, M. Godin, J. P. Fillastre, J. P. Grünfeld and P. Jungers 18

Cellular Localisation of Atrial Natriuretic Factor in the Human Kidney
C. D. Figueroa, Helen M. Lewis, A. G. MacIver, J. C. Mackenzie and K. D. Bhoola 25

Amelioration of Postischaemic Acute Renal Failure in Conscious Dogs by Human Atrial Natriuretic Peptide
H.-H. Neumayer, N. Blossei, U. Seherr-Thohs and K. Wagner 32

Diffuse Intermyocardiocytic Fibrosis in Uraemic Patients
G. Mall, W. Huther, J. Schneider, P. Lundin and E. Ritz 39

Value of Serum Aluminium Monitoring in Dialysis Patients: A Multicentre Study
P. C. D'Haese, J. P. Clement, M. M. Elseviers, L. V. Lamberts, F. L. Van de Vyver, W. J. Visser and M. E. De Broe 45

Dextran Deposits in Tissues of Patients Undergoing Haemodialysis
G. Bergonzi, C. Paties, G. Vassallo, A. Zangrandi, P. G. Poisetti, S. Ballocchi, F. Fontana and L. Scarpioni 54

Five Years' Experience with Hickman Catheters as Temporary Access for Haemodialysis
G. Simoni, G. Gurreri and D. Friedman 59

Hypophosphataemia After Renal Transplantation: Relationship to Immunosuppressive Drug Therapy and Effects on Muscle Detected by ^{31}P Nuclear Magnetic Resonance Spectroscopy
R. M. Higgins, A. J. Richardson, Z. H. Endre, S. P. Frostick and P. J. Morris 62

Absence of Acute Nephrotoxicity with Low Doses of Cyclosporin: Experimental Study in the Rat
M. Sabbatini, L. De Nicola, F. Uccello, D. Russo, G. Conte, A. Dal Canton and V. E. Andreucci 69

Case Report

Successful Medical Management of Presumed Spontaneous Decapsulation of a Transplant Kidney
A. L. Brown, R. N. Greenwood and W. R. Cattell 75

Letters 77

Announcements 79

Nephrology Dialysis Transplantation

Official Publication of the European Dialysis and Transplant Association–European Renal Association

Incorporating Proceedings of the European Dialysis and Transplant Association—European Renal Association

VOLUME 5 NUMBER 2 1990

Table of Contents

Review Article

Calcium Antagonists and the Kidney
J. L. Rodicio, J. M. Morales and L. M. Ruilope 81

Original Articles

Distribution of Goodpasture Antigens Within Various Human Basement Membranes
M. Weber, O. Pullig and H. Köhler 87

Acute Interstitial Nephritis: A Clinical and Morphological Study in 27 Patients
J. G. M. Buysen, H. J. Houthoff, R. T. Krediet and L. Arisz 94

Development of Progressive Glomerulosclerosis in Experimental Chronic Serum Sickness
P. C. W. Hogendoorn, J. A. Bruijn, E. W. A. Gelok, L. J. C. M. Van Den Broek and G. J. Fleuren 100

Glucagon Secretion is Essential for Aminoacid-Induced Hyperfiltration in Man
G. Friedlander, F. Blanchet-Benqué, A. Nitenberg, Christine Laborie, R. Assan and C. Amiel 110

Glycerol-Induced Acute Renal Failure in the Rat: The Protective Effect of Unilateral Nephrectomy
E. Y. Anteby, Hanna Wald and M. M. Popovtzer 118

Compensatory Renal Growth: Role of Growth Hormone and Insulin-Like Growth Factor-I
A. M. El Nahas, J. E. Le Carpentier and A. H. Bassett 123

Iron Overload in Haemodialysis Patients Increases the Risk of Bacteraemia: A Prospective Study
J. R. Boelaert, R. F. Daneels, M. L. Schurgers E. G. Matthys, B. Z. Gordts and H. W. Van Landuyt 130

A Low-Molecular-Weight Heparin (Kabi 2165, 'Fragmin') in Repeated Use for Haemodialysis: Prevention of Clotting and Prolongation of the Venous Compression Time in Comparison with Commercial Unfractionated Heparin
E. Anastassiades, Helen Ireland, Angela Flynn, D. A. Lane and J. R. Curtis 135

Diverticular Disease of the Colon: A Risk Factor for Peritonitis in Continuous Peritoneal Dialysis
A. Tranæus, O. Heimbürger and S. Granqvist 141

Acquired Haemolytic Anaemia Due to Isohaemagglutinins of Donor Origin Following ABO-Minor-Incompatible Kidney Transplantation
J. V. Povlsen. A. Rasmussen, H. E. Hansen, O. Fjeldborg, F. Kissmeyer-Nielsen and M. Madsen 143

Case Reports

Extensive Crescent Formation with Antifibrinolytic Therapy in a Case of Diffuse Endocapillary Glomerulonephritis
G. R. Foster, D. J. S. Carmichael, A. Kermode, B. Hulme, J. R. T. Gabriel and V. Cattell 152

Coronary Arteriography as a Cause of Disseminated Cholesterol Emboli
E. Peten, J. P. Cosyns and C. van Ypersele de Strihou 155

Letters 158

Announcements 159

Nephrology Dialysis Transplantation

Official Publication of the European Dialysis and Transplant Association–European Renal Association

Incorporating Proceedings of the European Dialysis and Transplant Association—European Renal Association

VOLUME 5 NUMBER 3 1990

Table of Contents

Original Articles

Renal Involvement in Churg-Strauss Syndrome
E. J. Clutterbuck, D. J. Evans and C. D. Pusey 161

Renal Haemodynamic Effects of Short Term Cyclosporin A Administration in Patients with Insulin-Dependent Diabetes Mellitus
T. Hannedouche, S. Natov, L. Garev, L. P. Marquez, A. Delgado, C. Boitard, B. Lacour and J. P. Grünfeld 168

Protracted Anuria Due to Active Vasoconstriction in Primary or Secondary Malignant Hypertension
A. Meyrier, L. Becquemont, P. Simon and J.-P. Laaban 174

Urinary Supersaturation with Respect to Brushite in Patients Suffering Calcium Oxalate Lithiasis
Y. Berland, R. Boistelle and M. Olmer 179

Effects of Low-Density Lipoproteins on Mesangial Cell Growth and Viability in Vitro
D. C. Wheeler, J. W. Persaud, R. Fernando, P. Sweny, Z. Varghese and J. F. Moorhead 185

Early Changes in Intracranial Pressure During Haemofiltration Treatment in Patients with Grade 4 Hepatic Encephalopathy and Acute Oliguric Renal Failure
A. Davenport, E. J. Will and A. M. Davison 192

Early and Late Occurrences of Destructive Spondyloarthropathy in Haemodialysed Patients
P. Bindi, Sylvie Lavaud, B. Bernieh, O. Toupance and J. Chanard 199

Improved Sexual Function During Recombinant Human Erythropoietin Therapy
J. Bommer, M. Kugel, B. Schwöbel, E. Ritz, H. P. Barth and R. Seelig 204

Particles from Dialysis Tubing Stimulate Interleukin-1 Secretion by Macrophages
J. Bommer, T. Weinreich, D. H. Lovett, R. Bouillon, E. Ritz and D. Gemsa 208

A Modified Algorithm of the Single Pool Urea Kinetic Model
F. G. Casino, C. Basile, V. Gaudiano and T. Lopez 214

Post-Transplant Diabetes Mellitus in Renal Allograft Recipients: A Matched-Pair Control Study
A. von Kiparski, D. Frei, G. Uhlschmid, F. Largiadèr and U. Binswanger 220

Monoclonal Analysis of Fine-Needle Aspiration Biopsy in Kidney Allografts
J. M. Gonzalez-Posada, C. Garcia Castro, M. Losada, V. Lorenzo, A. Torres, D. Hernandez, B. Maceira and E. Salido 226

Case Reports

Occult Infection and Resistance of Anaemia to rHuEpo Therapy in Renal Failure
N. Muirhead and A. B. Hodsman 232

CAPD Peritonitis Caused by Vancomycin-Resistant Lactobacilli
G. Gopal Rao, A. Short and D. J. S. Carmichael 235

Letters 237

Announcements 239

Nephrology Dialysis Transplantation

Official Publication of the European Dialysis and Transplant Association–European Renal Association

Incorporating Proceedings of the European Dialysis and Transplant Association—European Renal Association

VOLUME 5 NUMBER 4 1990

Table of Contents

Original Articles

The Effect of Fish-Oil Dietary Supplement on the Progression of Mesangial IgA Glomerulonephritis
I. K. P. Cheng, P. C. K. Chan and M. K. Chan 241

Change in Renal Tubular Sodium and Water Handling During Progression of Polycystic Kidney Disease: Relationship to Atrial Natriuretic Peptide
S. S. Sørensen, T. K. Glud, P. J. Sørensen, A. Amdisen and E. B. Pedersen 247

Aluminium Intoxication in the Rat Induces Partial Resistance to the Effect of Recombinant Human Erythropoietin
A. Losekann, P. Ureña, Fatima Khiraoui, Nicole Casadevall, Brigitte Zins, Lynda Bererhi, Johanna Zingraff, R. Bourdon and T. Drüeke 258

Hypersensitivity Reactions During Haemodialysis: Role of Complement Fragments and Ethylene Oxide Antibodies
H.-D. Lemke, A. Heidland and R. M. Schaefer 264

The Effect of Membrane Characteristics on Tumour Necrosis Factor Kinetics During Haemodialysis
J. Ghysen, J. F. De Plaen and C. van Ypersele de Strihou 270

The Effect of Peritonitis on the Transperitoneal Transports of Cefuroxime in Patients on CAPD Treatment
K. Dahl, R. A. Walstad and T.-E. Widerøe 275

Malignant Tumours in Renal Transplant Recipients Receiving Cyclosporin: Survey of 598 First-Kidney Transplantations
P. Vogt, U. Frei, H. Repp, H. Bunzendahl, K. Oldhafer and R. Pichlmayr 282

The Influence of Immunosuppression on Peptic Ulceration Following Renal Transplantation and the Role of Endoscopy
A. C. Steger, A. S. A. Timoney, S. Griffen, R. R. Salem and G. Williams 289

Case Report

Psoriasis, 1,25 $(OH)_2$ Vitamin D3 and Renal Failure
A. L. M. De Francisco, J. G. Cotorruelo, J. A. Riancho, J. A. Amado, S. Sanz De Castro, A. Zubimendi and M. Arias 293

Abstracts

Abstracts from the Combined Meeting of the Dutch Society of Nephrology and the Renal Association, Amsterdam, 27–28 October 1989 295

Addendum

Further Abstracts from the Renal Association, Glasgow, 11–12 May 1989 319

Letters 320

Announcements 323

Nephrology Dialysis Transplantation

Official Publication of the European Dialysis and Transplant Association–European Renal Association

Incorporating Proceedings of the European Dialysis and Transplant Association—European Renal Association

VOLUME 5 NUMBER 5 1990

Table of Contents

Review Article

Echocardiographic Assessment of Systolic Function in Dialysis Patients
C. R. V. Tomson 325

Registry Report

Kidney Transplantation in Primary Oxalosis: Data From the EDTA Registry
M. Broyer, F. P. Brunner, H. Brynger, S. R. Dykes, J. H. H. Ehrich, W. Fassbinder, W. Geerlings, G. Rizzoni, N. H. Selwood, G. Tufveson and A. J. Wing 332

Original Articles

Interrelations of Blood Pressure, Glomerular Filtration Rate, Protein Clearances and Sodium Excretion in Patients with Glomerulonephritis and Diabetic Nephropathy
I. Ala-Houhala, H. Oksa, M. Pasanen and A. Pasternack 337

Paradoxical Increase in Arterial Hydrogen Ion Concentration in Patients with Hepatorenal Failure Given Lactate-Based Fluids
A. Davenport, E. J. Will and A. M. Davison 342

Urea Kinetics and Clinical Evaluation of the Haemodialysis Patient
T. Buur, T. Timpka and M. Lundberg 347

Good Seroresponse to Enghanced-Potency Inactivated Poliovirus Vaccine in Patients on Chronic Dialysis
R. Sipilä, L. Hortling and T. Hovi 352

Assessment of Dry Body-Weight in Haemodialysis Patients by the Biochemical Marker cGMP
F. Lauster, R. Gerzer, J. Weil, H.-J. Fülle and H. Schiffl 356

Activation of Platelets, Coagulation and Fibrinolysis in Patients on Long-Term Haemodialysis: Influence of Cuprophan and Polyacrylonitrile Membranes
Y. Sultan, G. M. London, B. Goldfarb, P. Toulon and S. J. Marchais 362

Sodium Content and Transport of White and Red Blood Cells in Undialysed Uraemic and Continuous Ambulatory Peritoneal Dialysis Patients
J. Main, T. Thomas and R. Wilkinson 369

Interaction of Intravenous Methylprednisolone with Oral Cyclosporin
C. S. Ubhi, Linda Woodhouse and G. R. Giles 376

The Prevalence of Skin Disorders in Renal Allograft Recipients Receiving Cyclosporin A Compared with Those Receiving Azathioprine
M. H. Bunney, E. C. Benton, B. B. Barr, I. W. Smith, J. L. Anderton and J. A. A. Hunter 379

Case Reports

Acute Urate Nephropathy Due to Partial Hypoxanthine–Guanine Phosphoribosyl Transferase Deficiency
M. Yaqoob, C. Saffmann, A. S. Mohamed and R. Finn 383

Necrotising Glomerulonephritis and Non-Hodgkin's Lymphoma Associated with Rheumatoid Arthritis
K. L. Gupta, V. Sakhuja, B. D. Radotra, P. P. Singh and K. S. Chugh 385

Renal Magnesium Wasting in Bartter's Syndrome
J. E. Scoble, G. R. Screaton and C. W. H. Havard 388

Abstracts

Abstracts from XIX Czechoslovak Congress of Nephrology, 20–22 September 1989, Hradec Králové, Czechoslovakia 391

Letters 400

Book Reviews 403

Announcements 405

Nephrology Dialysis Transplantation

Official Publication of the European Dialysis and Transplant Association–European Renal Association

Incorporating Proceedings of the European Dialysis and Transplant Association—European Renal Association

VOLUME 5 NUMBER 6 1990

Table of Contents

Editorial

Is Living Donation Still Justifiable?
V. Bonomini and G. Gozzetti 407

Review Article

Use and Misuse of the Renal Functional Reserve Concept in Clinical Nephrology
A. Zuccalà and P. Zucchelli 410

Original Articles

Endothelin in Renal Failure
A. N. Warrens, M. J. D. Cassidy, K. Takahashi, M. A. Ghatei and S. R. Bloom 418

Bile Composition in Patients with Chronic Renal Insufficiency
O. Marečková, I. Skála, Z. Mareček, J. Malý, V. Kočandrle, O. Schück, J. Bláha and V. Prát 423

Doppler Echocardiographic Findings in Dialysis Patients
K. Ruffmann, A. Mandelbaum, J. Bommer, M. Schmidli and E. Ritz 426

Case Control Study on Dialysis Arthropathy: The Influence of Two Different Dialysis Membranes: Data From the EDTA Registry
F. P. Brunner, H. Brynger, J. H. H. Ehrich, W. Fassbinder, W. Geerlings, G. Rizzoni, N. N. Selwood, G. Tufveson and A. J. Wing 432

Negative Effect of Uraemia and Cuprophane Haemodialysis on Natural Killer Cells
Svetlana Čala, Renata Mažuran and Darka Kordić 437

Alluminium Interference in the Treatment of Haemodialysis Patients with Recombinant Human Erythropoietin
S. Casati, Claudia Castelnovo, Mariarosaria Campise and C. Ponticelli 441

Long-Term Effects of Treatment with Recombinant Human Erythropoietin on Haemodynamics and Tissue Oxygenation in Patients with Renal Anaemia
B. Nonnast-Daniel, G. Deschodt, R. Brunkhorst, A. Creutzig, J. Bahlmann, S. Shaldon and K. M. Koch 444

The Early Effects of Aluminium Deposition and Dialysis on Bone in Chronic Renal Failure: A Cross-Sectional Bone-Histomorphometric Study
E. Dahl, K. P. Nordal, J. Halse and A. Flatmark 449

Intravenous 1,25$(OH)_2$ Vitamin D3 Therapy in Haemodialysis Patients: Evaluation of Direct and Calcium-Mediated Short-Term Effects on Serum Parathyroid Hormone Concentration
W. Probst, J. A. Fischer and U. Binswanger 457

Case Reports

Major Muscle Calcifications of the Neck After Non-Traumatic Rhabdomyolysis with Acute Renal Failure
V. Esnault, A. Testa, B. Dupas and J. Guenel 461

Transitional-Cell Carcinoma in Acquired Cystic Disease of the Kidney in a Patient on CAPD
S. J. W. Spencer and M. E. Philips 464

Abstracts

Selected Abstracts from the Third Congress of the Polish Society of Nephrology, 27–29 October 1989, Gdańsk, Poland 466

Letters 473

Book Reviews 476

Announcements 478

Nephrology Dialysis Transplantation

Official Publication of the European Dialysis and Transplant Association–European Renal Association

Incorporating Proceedings of the European Dialysis and Transplant Association—European Renal Association

VOLUME 5 NUMBER 7 1990

Table of Contents

Review Article

Relief of Renal Artery Stenosis: A Tool to Improve or Preserve Renal Function in Renovascular Disease?
T. K. Kremer Hovinga, P. E. de Jong, G. K. van der Hem and D. de Zeeuw 481

Original Articles

Absence of HIV Antigens in Renal Tissue from Patients with HIV-Associated Nephropathy
G. Barbiano di Belgiojoso, A. Genderini, L. Vago, C. Parravicini, S. Bertoli and N. Landriani 489

Oxalate Crystal Deposits in the Heart in Chronic Renal Failure: An Experimental Study
K. Ono 493

Cellulose Acetate Membrane Improves Some Aspects of Red Blood Cell Function in Haemodialysis Patients
G. Sevillano, M. Rodríguez-Puyol, R. Martos, I. Duque, S. Lamas, M. L. Diez-Marqués, J. Lucio and D. Rodríguez-Puyol 497

Increase of C-Reactive Protein Serum Values Following Haemodialysis
M. Haubitz, M. Schulze and K. M. Koch 500

Recombinant Erythropoietin Reverses Polymorphonuclear Granulocyte Dysfunction in Iron-Overloaded Dialysis Patients
J. R. Boelaert, B. F. Cantinieaux, C. F. Hariga and P. G. Fondu 504

Experience with the Hemasite Device in Haemodialysis and Haemofiltration Patients with Vascular Access Problems
A. A. Alarabi, J. Wahlberg, B. G. Danielson, G. Tufveson, J. Wadström and B. Wikström 508

Kinetic and Clinical Studies of β_2-Microglobulin in Continuous Ambulatory Peritoneal Dialysis: Influence of Renal and Enhanced Peritoneal Clearances Using Glucose Polymer
C. D. Mistry, D. J. O'Donoghue, S. Nelson, R. Gokal and F. W. Ballardie 513

Urinary Secretory Immunoglobulin A in Acute Renal Allograft Rejection
M. Marx, M. Weber and H. Köhler 520

Viral Hepatitis in HBsAg-Positive Renal Transplant Patients Treated with Cyclosporin and Steroids
S. Sandrini, F. Callea, L. Cristinelli, S. Savoldi, G. Setti, P. Scaini, F. Scolari, A. Scalzini, G. Pizzoccolo and R. Maiorca 525

Response of Renal Transplanted Patients to Oral Calcium Load
G. Graziani, Claudia Castelnovo, Adriana Aroldi, S. Adami, Elena Viganò, S. Casati and A. De Vecchi 531

Electrolyte and Humoral Responses of Renal Transplant Patients to Head-Out Water Immersion
A. D. Al-Haidary, I. G. Mackay, K. D. Bhoola, N. D. Millar, M. L. Watson and J. C. Mackenzie 535

Case Reports

Acute Pancreatitis and Renal Cortical Necrosis
J. G. Fox, N. P. Sutcliffe, J. M. Boulton-Jones and C. W. Imrie 542

Successful Surgical Treatment of Parathyroid Carcinoma in Two Haemodialysis Patients
P. Rademaker, S. Meijer, J. W. Oosterhuis, A. Vermey, R. Zwierstra, G. v.d. Hem and W. Geerlings 545

Brief Communication

The Effect of Haemodialysis on Tubular Secretion of Creatinine in Residual Nephrons
O. Schück, V. Taplan and H. Nádvorníková 549

Letters 551

Book Review 556

Announcements 557

Nephrology Dialysis Transplantation

Official Publication of the European Dialysis and Transplant Association–European Renal Association

Incorporating Proceedings of the European Dialysis and Transplant Association—European Renal Association

VOLUME 5 NUMBER 8 1990

Table of Contents

Original Articles

Transplant Co-ordination Services in Europe 1989: A Survey by the EDTA Registry
Data from the EDTA Registry 559

Prognostic Factors in Malignant Hypertension Selected by Multivariate Analysis
C. Guerin and F. Berthoux 563

Gut Permeability in IgA Nephropathy
L. Layward, J. M. Hattersley, H. R. Patel, M. S. Tanner and J. Feehally 569

Effects of an Acute Protein Load in Comparison to an Acute Load of Essential Amino Acids on Glomerular Filtration Rate, Renal Plasma Flow, Urinary Albumin Excretion and Nitrogen Excretion
E. Braendle, J. Kindler and H. G. Sieberth 572

Transplacental Transport and Pharmacological Manipulations on Renotropic Activity in Post-Nephrectomised Rats
D. Modai, Z. Averbukh, E. Rauch, S. Berman, M. Cohn and J. Weissgarten 579

Tuberculosis in Patients Undergoing Maintenance Dialysis
M. M. Hussein, N. Bakir and H. Roujouleh 584

Effective Hypolipidaemic Therapy with Beclobrate in Haemodialysis Patients: Interference with L-Carnitine
C. Wanner, H. Wieland, M. Nauck, G. Schaeffer, P. Schollmeyer and W. H. Hörl 588

A Study of the Membrane Transport of Aminoacids in Erythrocytes from Patients on Haemodialysis
F. C. Fervenza, D. Meredith, J. C. Ellory and B. M. Hendry 594

Free Radicals Induce Increased Lysis of Red Blood Cells After Haemodialysis
S. Schmidtmann, R. v. Baehr and K. Precht 600

Adaptation of Uraemic Patients to Anaemia: A ^{31}P Nuclear Magnetic Resonance Study
J. P. Monti, M. Baz, H. Klinkmann, R. Elsen, Y. Berland and A. Crevat 604

Percutaneous Transluminal Angioplasty Improves Longevity in Fistulae and Shunts for Haemodialysis
H. Burger, J. J. Zijlstra, S. A. Kluchert, A. P. Scholten and G. Koostra 608

Interleukin-2 Determinations for Monitoring the Renal Allograft
U. T. Seyfert, W. Gumbel, H. Berger, U. Schmidt and F. W. Albert 612

Case Reports

Reversible Renal Failure Due to Renal Infiltration and Associated Tubulointerstitial Disease in Chronic Lymphocytic Leukaemia
B. Tucker, A. L. Brown, A. J. d'Ardenne and W. R. Cattell 616

Mesangial IgA Disease with Crescent Formation During Pregnancy: Postpartum Treatment with Immunosuppression
J. D. Isaacs, D. J. Evans and C. D. Pusey 619

Clinical Presentation from the Mario Negri Institute, Bergamo

The Role of Hypertension in Diabetic Nephropathy
E. Ritz and Ch. Hasslacher 623

Brief Communications

Ulcerative Colitis and Glomerulonephritis: Is There an Association?
D. M. Thomas, A. J. Nicholls and T. G. Feest 628

Long-Term Administration of Calcium Acetate Efficiently Controls Severe Hyperphosphataemia in Haemodialysis Patients
B. Hess and U. Binswanger 630

Letters 633

Book Reviews 635

Abstracts

EDTA-ERA 27th Annual Congress, Vienna, 5–9 September 1990 637

Announcements 761

Nephrology Dialysis Transplantation

Official Publication of the European Dialysis and Transplant Association–European Renal Association

Incorporating Proceedings of the European Dialysis and Transplant Association—European Renal Association

VOLUME 5 NUMBER 9 1990

Table of Contents

Review Article

Renal Functional Reserve
C. Amiel, Françoise Blanchet, G. Friedlander and A. Nitenberg 763

Original Articles

Glomerular Epithelial-Cell Endocytosis of Horseradish Peroxidase–Polylysine Conjugate in Immune-Complex Glomerulonephritis
Yiming Wang, M. D. Al-Nawab, B. Evans, A. K. Das, J. H. Thomas and D. R. Davies 771

Effect of Treatment with Enalapril, Verapamil and Indomethacin on Compensatory Renal Growth in the Rat
J. P. Wight, A. H. Bassett, J. E. Le Carpentier and A. M. El Nahas 777

Iron Overload and Bone Disease in Chronic Dialysis Patients
F. L. Van de Vyver, W. J. Visser, P. C. D'Haese and M. E. De Broe 781

Diabetes Mellitus and Renal Replacement Therapy in Italy: Prevalence, Main Characteristics and Complications
C. Catalano, M. Postorino, P. J. Kelly, F. Fabrizi, G. Enia, T. H. Goodship, G. R. Fulcher and Q. Maggiore 788

Results of a Long-Term Administration of Omega-3 Fatty Acids in Haemodialysis Patients with Dyslipoproteinaemia
N. Rolf, W. Tenschert and A. E. Lison 797

Risk Factors of System Clotting in Heparin-Free Haemodialysis
F. Keller, J. Seemann, L. Preuschof and G. Offermann 802

Age-Matching Improves the Results of Renal Transplantation with Older Donors
P. K. Donnelly, A. R. Simpson, A. D. Milner, M. L. Nicholson, T. Horsburgh, P. S. Veitch and P. R. F. Bell 808

Cyclosporin-Induced Renal Magnesium Leak in Renal Transplant Patients
J. E. Scoble, A. Freestone, Z. Varghese, O. N. Fernando, P. Sweny and J. F. Moorhead 812

Calcium-Channel Blockers and Other Factors Influencing Delayed Function in Renal Allografts
C. J. Ferguson, A. N. Hillis, J. D. Williams, P. J. A. Griffin and J. R. Salaman 816

Case Reports

Repeated Dialysis Anaphylaxis
Katharina Wenzel-Seifert, Arya M. Sharma and Frieder Keller 821

Early Liver Transplantation for Primary Hyperoxaluria Type 1 in an Infant with Chronic Renal Failure
G. Schürmann, K. Schärer, A.-M. Wingen, G. Otto and C. Herfarth 825

Abstracts

Abstracts of the Danish Society of Nephrology, Copenhagen, Denmark, 4 May 1990 828

Letters 834

Announcements 836

Nephrology Dialysis Transplantation

Official Publication of the European Dialysis and Transplant Association–European Renal Association

Incorporating Proceedings of the European Dialysis and Transplant Association—European Renal Association

VOLUME 5 NUMBER 10 1990

Table of Contents

Review Article

Effects of Different Converting-Enzyme Inhibitors on the Course of Non-Diabetic Glomerulopathies
J. Bernheim 837

Original Articles

IgA Affinity to ssDNA or Endothelial Cells and its Deposition in Glomerular Capillary Walls in IgA Nephropathy
G. Frampton, R. G. Walker, G. J. Perry, T. Harada and J. S. Cameron 841

Renal Siderosis in Patients with Heart-Valve Prostheses: Clinical Implications
F. J. Pardo-Mindán, J. Diez, N. Esparza and C. Robledo 847

A Comparative Study of Methods of Estimating Renal Size in Normal Adults
V. T. Ninan, K. Thomas Koshi, M. M. Niyamthullah, C. K. Jacob, G. Gopalakrishnan, A. P. Pandey and J. C. M. Shastry 851

The Metabolism of Erythropoietin in the Normal and Uraemic Rabbit
J. H. Brown, T. R. J. Lappin, G. Elizabeth Elder, J. M. Bridges and Mary G. McGeown 855

Differential Effect of Steroids and Chloroquine on the Intestinal Absorption of Aluminium and Calcium
T. H. Ittel, B. K. Köppe and H. G. Sieberth 860

Glycated Haemoglobin and Fructosamine in Non-Diabetic Subjects with Chronic Renal Failure
L. J. Morgan, C. B. Marenah, A. G. Morgan, R. P. Burden and W. G. John 868

Low Calcium Dialysate and High-Dose Oral Calcitriol in the Treatment of Secondary Hyperparathyroidism in Haemodialysis Patients
W. M. Van der Merwe, R. S. C. Rodger, A. C. Grant, F. C. Logue, R. A. Cowan, G. H. Beastall, B. J. R. Junor and J. D. Briggs 874

Case Reports

Subcutaneous Deposition of Beta$_2$-Microglobulin Amyloid in a Long-Term Haemodialysis Patient
N. A. Athanasou, A. J. Chaplin and D. O. Oliver 878

Complications of Liver Cysts in Patients with Adult Polycystic Kidney Disease
A. S. M. Dofferhoff, H. E. Sluiter, W. Geerlings and P. E. de Jong 882

Recurrent Haemolytic Uraemic Syndrome in the Elderly Associated with Metastatic Carcinoma
A. Innes, T. Bernard, R. E. Cotton and R. P. Burden 886

Technical Report

Number of Interstitial Capillary Cross-Sections Assessed by Monoclonal Antibodies: Relation to Interstitial Damage
D. Serón, E. Alexopoulos, M. J. Raftery, B. Hartley and J. S. Cameron 889

Abstracts

Abstracts from the First Benelux Dialysis Symposium, Amsterdam, The Netherlands, 11 May 1990 894

Letters 900

Book Reviews 907

Announcements 908

Nephrology Dialysis Transplantation

Official Publication of the European Dialysis and Transplant Association–European Renal Association

Incorporating Proceedings of the European Dialysis and Transplant Association—European Renal Association

VOLUME 5 NUMBER 11 1990

Table of Contents

Original Articles

Atypical Antiglomerular Basement Membrane Disease Associated with Thin Membrane Nephropathy
M. P. de Caestecker, C. L. Hall and A. G. MacIver 909

Decreases of Proteinuria During Alternate-Day Prednisone Therapy in Nephrotic Syndrome
J. F. M. Wetzels, A. J. Hoitsma and R. A. P. Koene 914

Erythropoietin Deficiency in Acute Renal Failure
G. W. Lipkin, R. G. Kendall, L. J. Russon, J. H. Turney, D. R. Norfolk and A. M. Brownjohn 920

Adverse Effects of Sucrose-Rich Diets on Uraemic Rats
Denise Laouari, Claire Kleinknecht, Martine Burtin, Nicole Hinglais, B. Lacour, P. Landais and M. Broyer 923

Acetate or Bicarbonate for Haemodialysis: A Randomised, Double-Blind Controlled Trial
K. E. Otte, S. T. Lillevang, A. G. Rasmussen, H. K. Christensen and F. B. Pedersen 931

Changes of Arterial Prostaglandin E_2 During Haemodialysis
Gy. Losonczy, J. Walter, I. Mucha and I. Taraba 937

Removal of Chelated Aluminium During Haemodialysis Using Polysulphone High-Flux Dialysers
H. P. Aarseth and R. Ganss 942

Acute Visual Disorders in Patients on Regular Dialysis Given Desferrioxamine as a Test
M. Ravelli, P. Scaroni, S. Mombelloni, E. Movilli, P. Feller, P. Apostoli, G. De Maria, C. Valotti, G. Sciuto and R. Maiorca 945

The Treatment of Renal Anaemia in CAPD Patients with Recombinant Human Erythropoietin
I. C. Macdougall, M. E. Davies, R. D. Hutton, I. Cavill, N. P. Lewis, G. A. Coles and J. D. Williams 950

Survival Analysis of 1563 Renal Transplants in Brazil: Report of the Brazilian Registry of Renal Transplantation
R. Sesso, M. S. Ancão , S. A. Draibe, D. Sigulem, O. L. Ramos and Brazilian Renal Transplantation Centers 956

The Effect of Nifedipine on Renal Function in Normotensive Cyclosporin-A-Treated Renal Allograft Recipients
P. G. McNally, J. Walls and J. Feehally 962

Erythrocytosis After Renal Transplantation: Treatment by Removal of the Native Kidneys
S. Friman, G. Nyberg and I. Blohmé 969

Case Reports

Ceftriaxone-Associated Nephrolithiasis
P. Cochat, N. Cochat, M. Jouvenet, D. Floret, C. Wright, X. Martin, J. J. Vallon and L. David 974

Cephalic to External Jugular Vein Bypass to Preserve Arteriovenous Fistula for Haemodialysis After Subclavian Vein Thrombosis
E. Fernández, J. L. Frutos, L. Pérez and J. Montoliu 977

Letters 980

Announcements 982

Nephrology Dialysis Transplantation

Official Publication of the European Dialysis and Transplant Association–European Renal Association

Incorporating Proceedings of the European Dialysis and Transplant Association—European Renal Association

VOLUME 5 NUMBER 12 1990

Table of Contents

Registry Report

The Use of Continuous Peritoneal Dialysis in Europe for the Treatment of Children with End-Stage Renal Failure: Data from the EDTA Registry
G. Rizzoni, M. Broyer, J. H. H. Ehrich, N. H. Selwood, F. P. Brunner, H. Brynger, S. R. Dykes, W. Fassbinder, W. Geerlings, G. Tufveson and A. J. Wing 985

Original Articles

Antigen Restriction and IgG Subclasses Among Anti-GBM Autoantibodies
M. Segelmark, R. Butkowski and J. Wieslander 991

Atrial Natriuretic Peptide and Blood Volume in Patients with Chronic Glomerulonephritis: Effects of Albumin and Frusemide Administration
B. Jespersen, H. Danielsen and E. B. Pedersen 997

Does Lithium Affect Renal Sodium Handling and Renal Haemodynamics in Normal Man?
T. Hannedouche, S. Natov, A. Ikeni, F. Schmitt, B. Lacour, and J.-P. Grünfeld 1007

Effect of Calcitriol on Insulin Secretion in Uraemia
J. M. Quesada, A. Martín-Malo, J. Santiago, F. Hervas, M. E. Martinez, D. Castillo, V. Barrio and P. Aljama 1013

Alterations of the $Cl^-/NaCO_3^-$ Anion Exchanger in Erythrocytes of Uraemic Patients
F. Maduell, J. Fernandez and J. Díez 1018

Cardiovascular Impairment, Dialysis Strategy and Tolerance in Elderly and Young Patients on Maintenance Haemodialysis
A. Capuano, V. Sepe, P. Cianfrone, T. Castellano and V. E. Andreucci 1023

Determinants of Blood Flow and Ultrafiltration in Continuous Arteriovenous Haemodiafiltration: Theoretical Predictions and Laboratory and Clinical Observations
H. H. Vincent, E. Akçahuseyin, M. C. Vos, F. J. van Ittersum, W. A. van Duyl and M. A. D. H. Schalekamp 1031

Additive Effects of Calcium Antagonists on Cyclosporin A-Induced Inhibition of T-Cell Proliferation
M. Marx, M. Weber, F. Merkel, K.-H. Meyer zum Büschenfelde, and H. Köhler 1038

Detection of CMV DNA and CMV Antigen in Renal Allograft Biopsies by *In Situ* Hybridisation and Immunohistochemistry
C. B. Andersen, S. D. Ladefoged, H. K. Lauritsen, P. R. Hansen and S. Larsen 1045

Case Reports

Renal Failure Due to Leukaemic Infiltration in Chronic Lymphocytic Leukaemia
S. Saggi, C. Calandri, T. Muhlfelder, H. Choi, T. Kahn and D. Kaji 1051

Paecilomyces Peritonitis in a Patient on Continuous Ambulatory Peritoneal Dialysis
W. C. Lye 1053

Letters 1055

Announcements 1058

Indexes to Volume 5 1061